

Figure 6. The effect of the number of iterations (n) on the accuracy of the proposed algorithm. The figure shows two plots side-by-side. The left plot is for $\alpha = 0.9$ and the right plot is for $\alpha = 0.7$. Both plots show the error (Y-axis) versus the number of iterations (X -axis). The error decreases as the number of iterations increases, indicating convergence.

